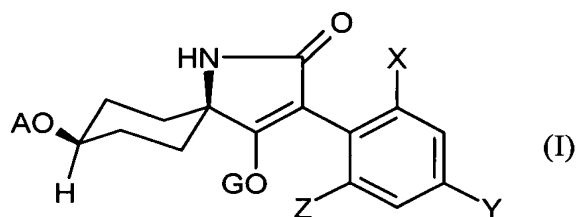


Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (currently amended) ~~Compounds~~ A compound of the formula (I)



in which

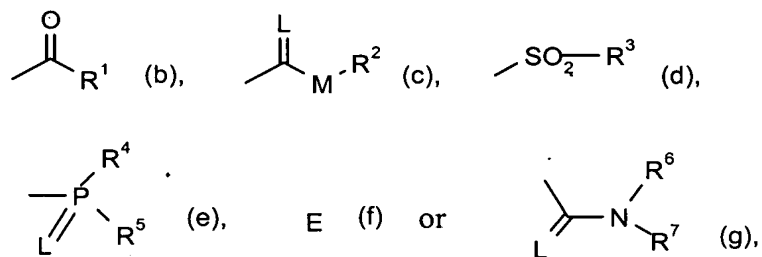
X represents C₂-C₄-alkyl,

Y represents halogen, and

Z represents C₁-C₄-alkyl,

A represents alkyl,

G represents hydrogen (a), ~~or represents~~



in which

E represents a metal ion equivalent or an ammonium ion,

L represents oxygen or sulphur,

M represents oxygen or sulphur,

R¹ represents in each case optionally substituted alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl or polyalkoxyalkyl, or represents cycloalkyl or heterocyclyl, each of which is optionally substituted by halogen, alkyl or alkoxy, or represents in each case optionally substituted phenyl, ~~hetaryl~~ heteroaryl, phenyl-C₁-C₄-alkyl, phenyl-C₁-C₂-alkenyl or ~~hetaryl-C₁-C₄-alkyl~~ heteroaryl-C₁-C₄-alkyl,

R² represents in each case optionally halogen-substituted alkyl, alkenyl, alkoxyalkyl or polyalkoxyalkyl, or represents in each case optionally substituted cycloalkyl, phenyl or benzyl,

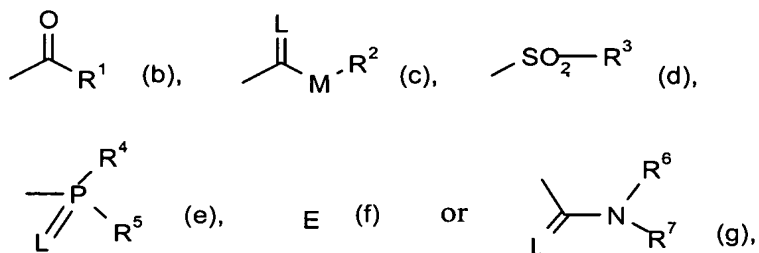
R³, R⁴ and R⁵ independently of one another represent in each case optionally halogen-substituted alkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkenylthio or cycloalkylthio, or represent

in each case optionally substituted phenyl, benzyl, phenoxy or phenylthio,

R^6 and R^7 independently of one another represent hydrogen, ~~represent~~ in each case optionally halogen-substituted alkyl, cycloalkyl, alkenyl, alkoxy, or alkoxyalkyl, or represent in each case optionally substituted phenyl or benzyl, or R^6 and R^7 together with the N atom to which they are attached form an optionally substituted cycle which optionally contains oxygen or sulphur.

2. (currently amended) ~~Compounds of the formula (I)~~ The compound according to Claim 1 in which

- X represents ethyl, n-propyl or n-butyl,
- Y represents halogen,
- Z represents methyl, ethyl or n-propyl,
- A represents C_1 - C_6 -alkyl,
- G represents hydrogen (a), ~~or represents one of the groups~~



in which

E represents a metal ion equivalent or an ammonium ion,

L represents oxygen or sulphur, ~~and~~

M represents oxygen or sulphur,

R¹ represents C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₆-alkoxy-C₁-C₆-alkyl, C₁-C₆-alkylthio-C₁-C₆-alkyl or poly-C₁-C₄-alkoxy-C₁-C₄-alkyl, each of which is optionally mono- to heptasubstituted by halogen, mono- or disubstituted by cyano, monosubstituted by -CO-R¹¹, -C=N-OR¹¹, -CO₂R¹¹ or

$\text{CO}-\text{N} \begin{matrix} \text{R}^{11} \\ \text{R}^{11'} \end{matrix}$, or represents C₃-C₈-cycloalkyl which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, C₁-C₄-alkyl [[or]] and C₁-C₄-alkoxy, wherein and in which optionally one or two not directly adjacent methylene groups of said C₃-C₈-cycloalkyl are optionally replaced by oxygen ~~and/or~~ or sulphur, or

represents phenyl, phenyl-C₁-C₂-alkyl or phenyl-C₁-C₂-alkenyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, cyano, nitro, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulphinyl [[or]] and C₁-C₆-alkylsulphonyl, or

represents 5- or 6-membered ~~hetaryl~~ heteroaryl ~~which is optionally mono- or disubstituted by~~ substituted with one or two substituents selected from

the group consisting of halogen [[or]] and C₁-C₆-alkyl and has one or two heteroatoms selected from the group consisting of oxygen, sulphur and nitrogen,

R² represents C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₆-alkoxy-C₂-C₆-alkyl or poly-C₁-C₆-alkoxy-C₂-C₆-alkyl, each of which is optionally mono- to trisubstituted by halogen,

represents C₃-C₈-cycloalkyl ~~which is optionally mono- or disubstituted by~~
substituted with one or two substituents selected from the group
consisting of halogen, C₁-C₆-alkyl [[or]] and C₁-C₆-alkoxy, or

represents phenyl or benzyl, each of which is optionally ~~mono- to~~
~~trisubstituted by~~ substituted with one, two or three substituents selected
from the group consisting of halogen, cyano, nitro, C₁-C₆-alkyl, C₁-C₆-
alkoxy, C₁-C₆-haloalkyl [[or]] and C₁-C₆-haloalkoxy,

R³ represents C₁-C₈-alkyl which is optionally mono- or polysubstituted by
halogen, or represents phenyl or benzyl, each of which is optionally
~~mono- or disubstituted by~~ substituted with one or two substituents
selected from the group consisting of halogen, C₁-C₆-alkyl, C₁-C₆-alkoxy,
C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, cyano [[or]] and nitro,

R⁴ and R⁵ independently of one another represent C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-
C₈-alkylamino, di-(C₁-C₈-alkyl)amino, C₁-C₈-alkylthio or C₂-C₈-
alkenylthio, each of which is optionally mono- to trisubstituted by

halogen, or ~~represent~~ phenyl, phenoxy or phenylthio, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, nitro, cyano, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-haloalkylthio, C₁-C₄-alkyl ~~[[or]]~~ and C₁-C₄-haloalkyl,

R⁶ and R⁷ independently of one another represent hydrogen, ~~represent~~ C₁-C₈-alkyl, C₃-C₈-cycloalkyl, C₁-C₈-alkoxy, C₃-C₈-alkenyl or C₁-C₈-alkoxy-C₂-C₈-alkyl, wherein said C₁-C₈-alkyl, C₃-C₈-cycloalkyl, C₁-C₈-alkoxy, C₃-C₈-alkenyl or C₁-C₈-alkoxy-C₂-C₈-alkyl ~~each of which~~ is optionally mono- to trisubstituted by halogen, or represent phenyl or benzyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, C₁-C₈-alkyl, C₁-C₈-haloalkyl ~~[[or]]~~ and C₁-C₈-alkoxy, or R⁶ and R⁷ together represent a C₃-C₆-alkylene radical which is optionally mono- or disubstituted by C₁-C₄-alkyl and in which optionally one methylene group is replaced by oxygen or sulphur,

R¹¹ represents hydrogen, ~~or represents~~ C₁-C₆-alkyl, C₃-C₆-alkenyl, C₃-C₆-alkynyl or C₁-C₄-alkoxy-C₂-C₄-alkyl, each of which is optionally mono- to trisubstituted by halogen, or represents C₃-C₆-cycloalkyl which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of halogen, C₁-C₂-alkyl ~~[[or]]~~ and C₁-C₂-alkoxy and in which ~~optionally~~ one or two not directly

adjacent methylene groups are optionally replaced by oxygen, or represents phenyl or phenyl-C₁-C₃-alkyl, each of which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, cyano [[or]] and nitro, and

R^{11'} represents hydrogen, C₁-C₆-alkyl or C₃-C₆-alkenyl.

3. (currently amended) ~~Compounds of the formula (I)~~ The compound according to Claim 1, in which

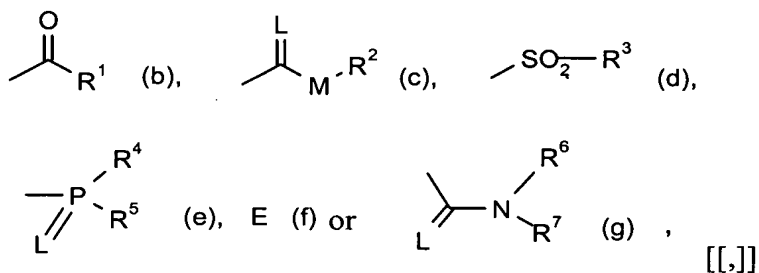
X represents ethyl or n-propyl,

Y represents chlorine or bromine,

Z represents methyl or ethyl,

A represents methyl, ethyl, n-propyl, n-butyl or isobutyl,

G represents hydrogen (a), ~~or represents one of the groups~~



in which

E represents a metal ion equivalent or an ammonium ion,

L represents oxygen or sulphur, ~~and~~

M represents oxygen or sulphur,

R¹ represents C₁-C₁₀-alkyl, C₂-C₁₀-alkenyl, C₁-C₄-alkoxy-C₁-C₂-alkyl, C₁-C₄-alkylthio-C₁-C₂-alkyl or poly-C₁-C₃-alkoxy-C₁-C₂-alkyl, each of which is optionally ~~mono to pentasubstituted by~~ substituted with one to five substituents selected from the group consisting of fluorine [[or]] and chlorine, monosubstituted by cyano, monosubstituted by -CO-R¹¹, -C=N-OR¹¹ or CO₂R¹¹, or represents C₃-C₆-cycloalkyl ~~which is optionally mono or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, C₁-C₂-alkyl [[or]] and C₁-C₂-alkoxy, wherein ~~and in which optionally~~ one or two not directly adjacent methylene groups are optionally replaced by oxygen,

~~represents phenyl or benzyl, each of which is optionally mono or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphonyl, C₁-C₄-alkylsulphinyl, C₁-C₂-haloalkyl [[or]] and C₁-C₂-haloalkoxy, or

~~represents pyrazolyl, thiazolyl, pyridyl, pyrimidyl, furanyl or thienyl, each of which is optionally mono or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine [[or]] and C₁-C₂-alkyl,

R² represents C₁-C₁₀-alkyl, C₂-C₁₀-alkenyl, C₁-C₄-alkoxy-C₂-C₄-alkyl or poly-C₁-C₄-alkoxy-C₂-C₄-alkyl, each of which is optionally ~~mono-~~to ~~trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine,

represents C₃-C₇-cycloalkyl ~~which is~~ optionally monosubstituted by C₁-C₂-alkyl or C₁-C₂-alkoxy or

represents phenyl or benzyl, each of which is optionally ~~mono-~~or ~~disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C₁-C₄-alkyl, methoxy, trifluoromethyl [[or]] and trifluoromethoxy,

R³ represents C₁-C₄-alkyl which is optionally ~~mono-~~to ~~trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine, or represents phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-alkoxy, trifluoromethyl, trifluoromethoxy, cyano or nitro,

R⁴ and R⁵ independently of one another represent C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylamino, di-(C₁-C₆-alkyl)amino, C₁-C₆-alkylthio or C₃-C₄-alkenylthio, each of which is optionally ~~mono-~~to ~~trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine, or represent phenyl, phenoxy or phenylthio, each of which is optionally ~~mono-~~or ~~disubstituted by~~

substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, nitro, cyano, C₁-C₃-alkoxy, trifluoromethoxy, C₁-C₃-alkylthio, C₁-C₃-alkyl [[or]] and trifluoromethyl,

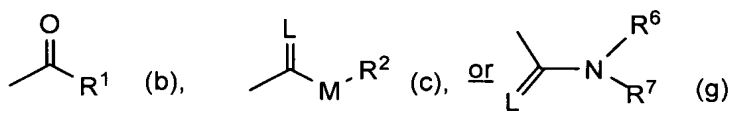
R⁶ and R⁷ independently of one another represent hydrogen, ~~represent~~ C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, C₃-C₆-alkenyl or C₁-C₆-alkoxy-C₂-C₆-alkyl, ~~each of which~~ wherein said C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, C₃-C₆-alkenyl or C₁-C₆-alkoxy-C₂-C₆-alkyl is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine, ~~represent phenyl which is optionally mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, trifluoromethyl, C₁-C₄-alkyl [[or]] and C₁-C₄-alkoxy, or R⁶ and R⁷ together represent a C₅-C₆-alkylene radical which is optionally mono- or disubstituted by methyl and in which optionally one methylene group is replaced by oxygen, and

R¹¹ represents C₁-C₄-alkyl, C₃-C₄-alkenyl, C₃-C₄-alkynyl or C₁-C₄-alkoxy-C₂-C₃-alkyl, or represents C₃-C₆-cycloalkyl in which optionally one methylene group is replaced by oxygen.

4. (currently amended) ~~Compounds of the formula (I)~~ The compound according to Claim 1 in which

X represents ethyl or n-propyl,

- Y represents chlorine or bromine,
- Z represents methyl or ethyl,
- A represents methyl, ethyl or n-propyl,
- G represents hydrogen (a), or ~~represents one of the groups~~



in which

L represents oxygen, and

M represents oxygen or sulphur,

R¹ represents C₁-C₆-alkyl, C₂-C₆-alkenyl, C₁-C₂-alkoxy-C₁-C₂-alkyl, C₁-C₂-alkylthio-C₁-C₂-alkyl or poly-C₁-C₂-alkoxy-C₁-C₂-alkyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine ~~[[or]]~~ and chlorine, or represents cyclopropyl, cyclopentyl or cyclohexyl, each of which is optionally monosubstituted by fluorine, chlorine, methyl, ethyl or methoxy,

represents phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, cyano, nitro, methyl, ethyl, n-propyl, isopropyl,

methoxy, ethoxy, methylthio, ethylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, trifluoromethyl or trifluoromethoxy, represents furanyl, thienyl or pyridyl, each of which is optionally monosubstituted by chlorine, bromine or methyl,

R² represents C₁-C₈-alkyl, C₂-C₆-alkenyl, [[or]] C₁-C₃-alkoxy-C₂-C₃-alkyl, cyclopentyl or cyclohexyl,

or represents phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, cyano, nitro, methyl, methoxy, trifluoromethyl or trifluoromethoxy,

R⁶ represents hydrogen, ~~represents~~ C₁-C₄-alkyl, C₃-C₆-cycloalkyl, [[or]] allyl, or represents phenyl, wherein said phenyl ~~which~~ is optionally monosubstituted by fluorine, chlorine, bromine, methyl, methoxy or trifluoromethyl,

R⁷ represents methyl, ethyl, n-propyl, isopropyl or allyl,

R⁶ and R⁷ together represent a C₅-C₆-alkylene radical in which optionally one methylene group is replaced by oxygen.

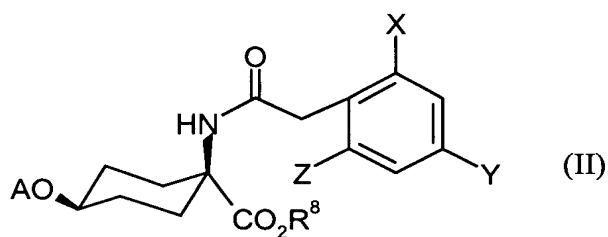
5. (currently amended) ~~Process~~ A process for preparing a compound ~~compounds~~ of the formula (I) according to Claim 1, ~~characterized in that, to obtain~~ comprising

A) ~~compounds of the formula (I-a)~~

~~in which~~

~~A, X, Y and Z are as defined above,~~

condensing intramolecularly a compound ~~compounds~~ of the formula (II),



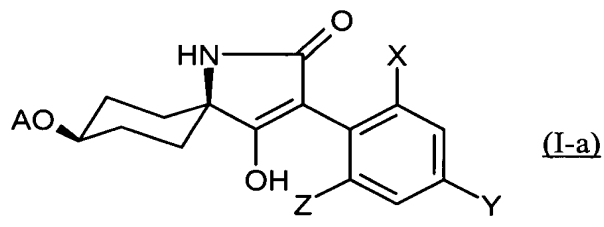
in which

A, X, Y and Z are as defined ~~above~~ in Claim 1

and

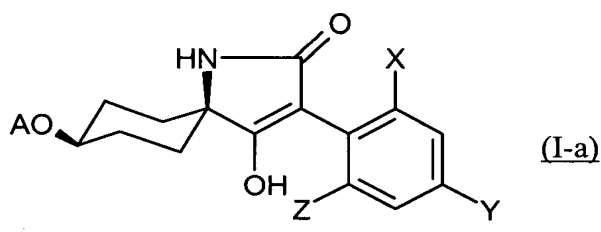
R⁸ represents alkyl,

~~are condensed intramolecularly~~ in the presence of a diluent and in the presence of a base, to obtain a compound of the formula (I-a),



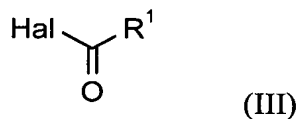
wherein A, X, Y and Z are as defined in Claim 1,

- (B) ~~compounds of the formula (I-b) shown above in which A, R¹, X, Y and Z~~
~~are as defined above, compounds of the formula (I-a) shown above in~~
~~which A, X, Y and Z are as defined above are reacted~~
reacting a compound of the formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1,

- α) with an acid halide ~~halides~~ of the formula (III),



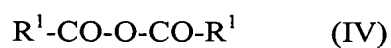
in which

R¹ is as defined ~~above~~ in Claim 1 and

Hal represents halogen

or

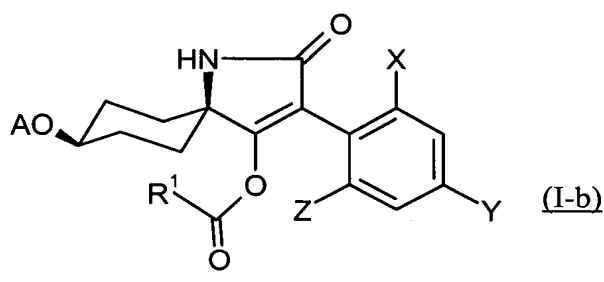
- β) with a carboxylic anhydride ~~anhydrides~~ of the formula (IV),



in which

R^1 is as defined ~~above~~ in Claim 1,

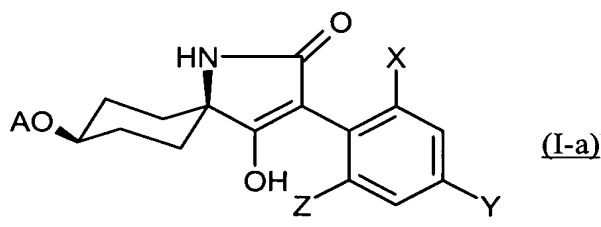
~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~
optionally in the presence of an acid binder, to obtain a compound of the
formula (I-b)



wherein A, R^1 , X, Y and Z are as defined in Claim 1,

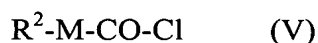
- (C) ~~compounds of the formula (I-c) shown above in which A, R^2 , M, X, Y and Z are as defined above and L represents oxygen, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~

reacting a compound of the formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1,

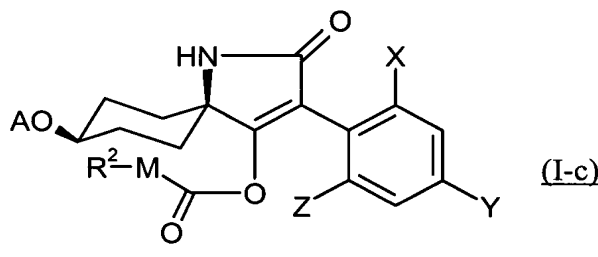
with a chloroformic ester esters or a chloroformic thioester thioesters of
the formula (V),



in which

R^2 and M are as defined above in Claim 1,

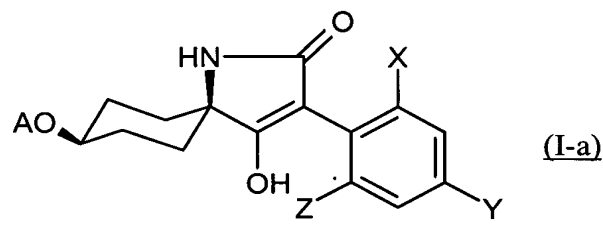
~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~
optionally in the presence of an acid binder, to obtain a compound of the
formula (I-c)



wherein A, R^2 , M, X, Y and Z are as defined in Claim 1, and L is oxygen,

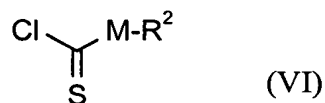
- (D) ~~compounds of the formula (I-c) shown above in which A, R^2 , M, X, Y and Z are as defined above and L represents sulphur, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~

reacting a compound of the formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1,

α) with a chloromonothioformic ester ~~esters~~ or a chlorodithioformic ester ~~esters~~ of the formula (VI),



in which

M and R² are as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder,

or

β) with carbon disulphide and then with a compound ~~compounds~~ of the formula (VII),

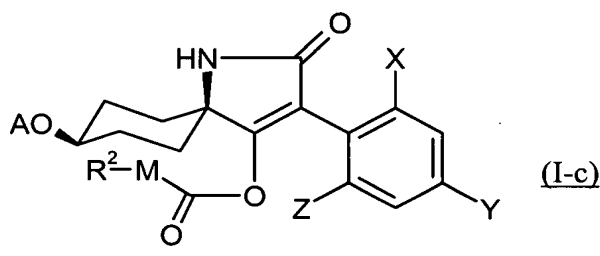


in which

R² is as defined ~~above~~ in Claim 1 and

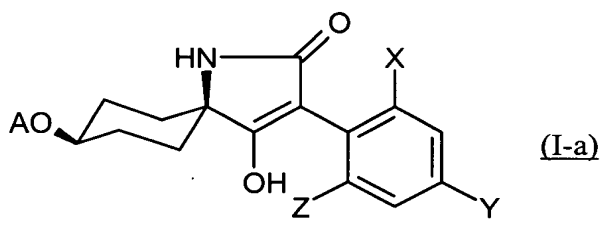
Hal represents chlorine, bromine or iodine,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~
optionally in the presence of a base, to obtain a compound of the formula
(I-c)



wherein A, R², M, X, Y and Z are as defined in Claim 1, and L is sulphur,

(E) ~~compounds of the formula (I-d) shown above in which A, R³, X, Y and Z~~
~~are as defined above, compounds of the formula (I-a) shown above in~~
~~which A, X, Y and Z are as defined above are in each case reacted~~
reacting a compound of the formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1,

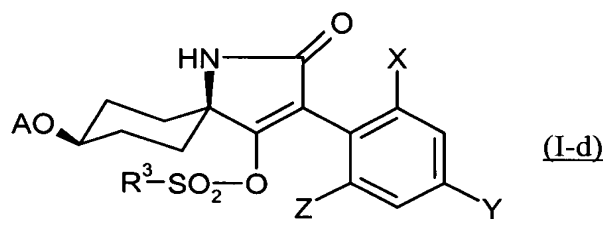
with a sulphonyl chloride ~~chlorides~~ of the formula (VIII),



in which

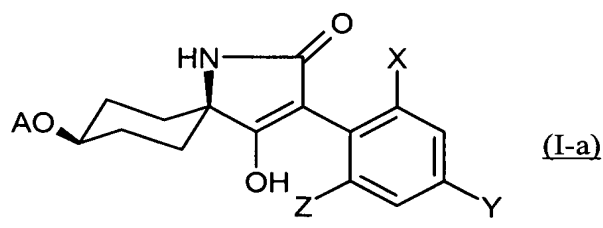
R^3 is as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~
optionally in the presence of an acid binder, to obtain a compound of the
formula (I-d)



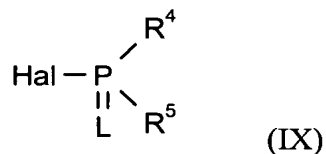
wherein A, R^3 , X, Y, and Z are as defined in Claim 1,

- (F) ~~compounds of the formula (I-e) shown above in which A, L, R^4 , R^5 , X, Y~~
~~and Z are as defined above, compounds of the formula (I-a) shown above~~
~~in which A, X, Y and Z are as defined above are in each case reacted~~
reacting a compound of the formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1,

with a phosphorus compound compounds of the formula (IX),

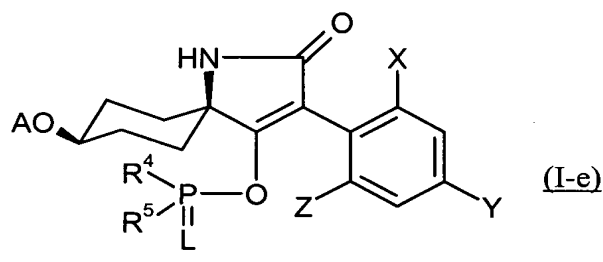


in which

L, R⁴ and R⁵ are as defined above in Claim 1 and

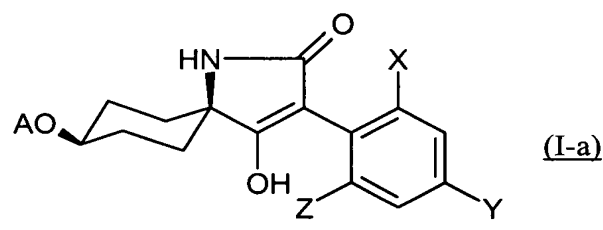
Hal represents halogen,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~
optionally in the presence of an acid binder, to obtain a compound of the
formula (I-e)



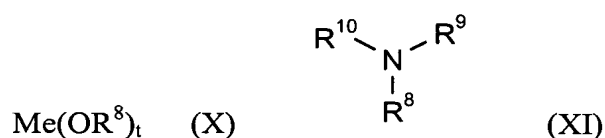
wherein A, L, R⁴, R⁵, X, Y and Z are as defined in Claim 1,

- (G) ~~compounds of the formula (I-f) shown above in which A, E, X, Y and Z~~
~~are as defined above, compounds of the formula (I-a) in which A, X, Y~~
~~and Z are as defined above are in each case reacted~~
reacting a compound of the formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1,

with a metal compound ~~compounds~~ or amine ~~amines~~ of the formulae (X) or (XI), respectively,



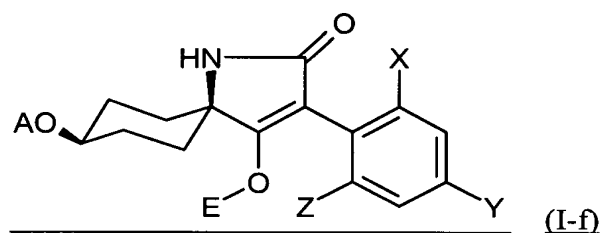
in which

Me represents a mono- or divalent metal,

t represents the number 1 or 2 and

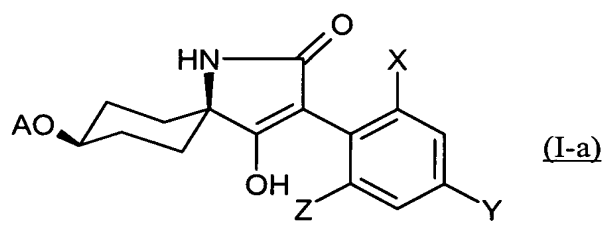
R⁸, R⁹, and R¹⁰ independently of one another represent hydrogen or alkyl,

~~if appropriate~~ optionally in the presence of a diluent, to obtain a
compound of the formula (I-f)



wherein A, E, X, Y and Z are as defined in Claim 1,

- (H) ~~compounds of the formula (I-g) shown above in which A, L, R⁶, R⁷, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~
reacting a compound of the formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1,

- α) with an isocyanate ~~isocyanates~~ or an isothiocyanate ~~isothiocyanates~~ of the formula (XII),

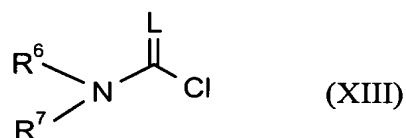


in which

R⁶ and L are as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of a catalyst, or

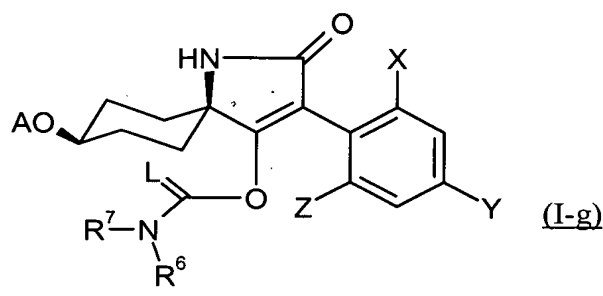
- β) with a carbamoyl chloride ~~chlorides~~ or a thiocarbamoyl chloride ~~chlorides~~ of the formula (XIII),



in which

L, R⁶ and R⁷ are as defined ~~above~~ in Claim 1,

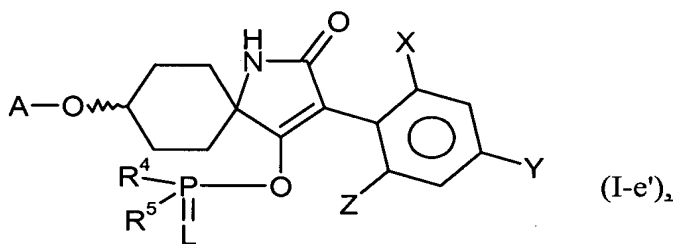
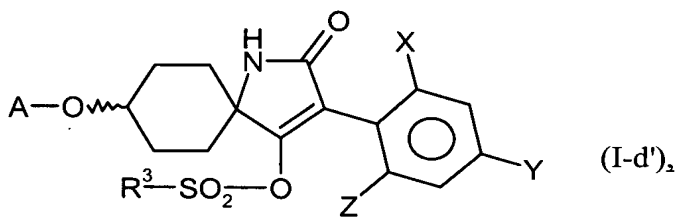
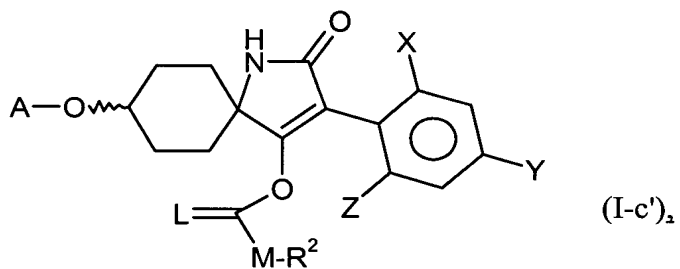
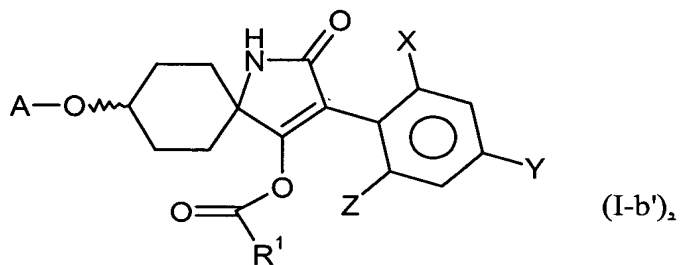
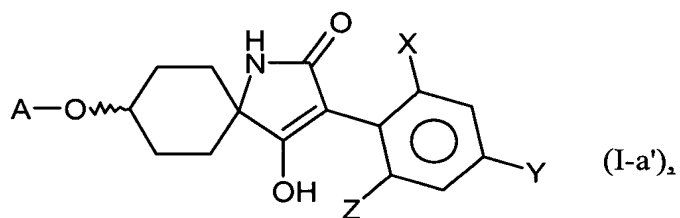
~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder, to obtain a compound of the formula (I-g)

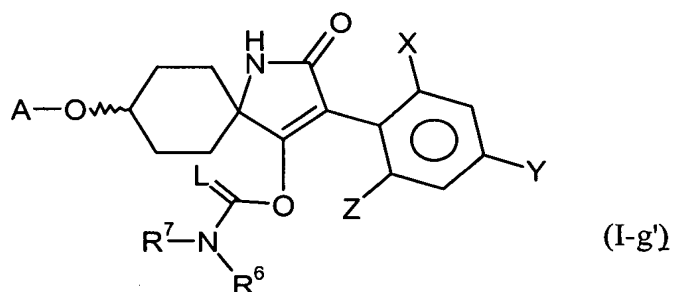
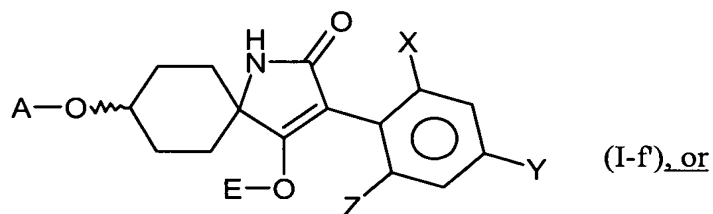


wherein A, L, R⁶, R⁷, X, Y and Z are as defined in Claim 1,

- (I) ~~compounds of the formulae (I-a) to (I-g) shown above, cis/trans isomer mixtures of formulae (I-a') to (I-g'), known, for example, from EP-A 835 243,~~

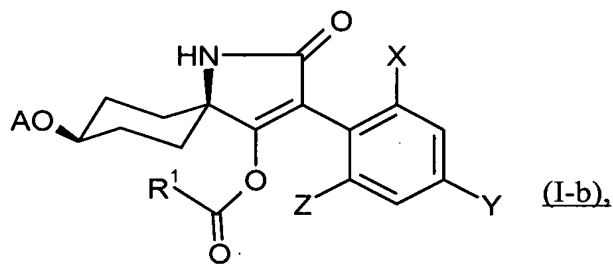
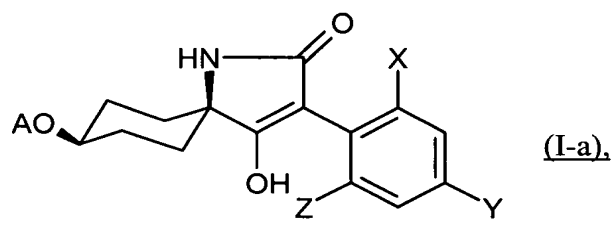
separating the cis/trans isomer mixture of a compound of formula (I-a')-(I-g'):

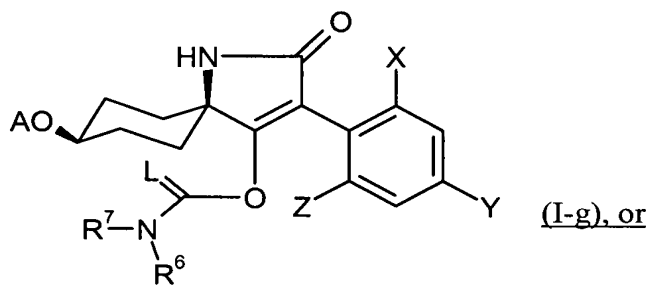
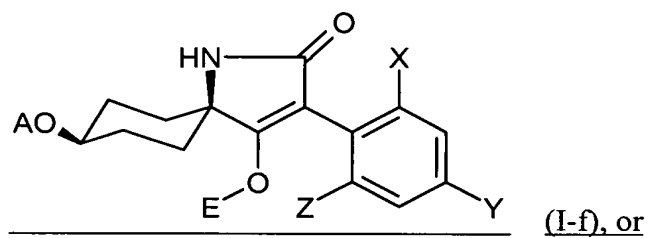
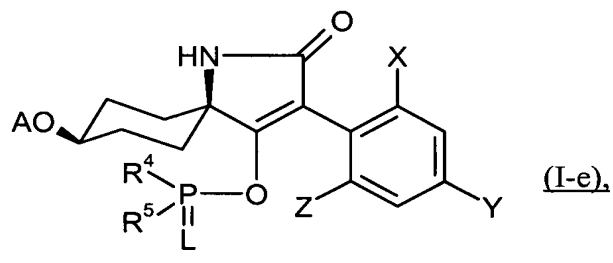
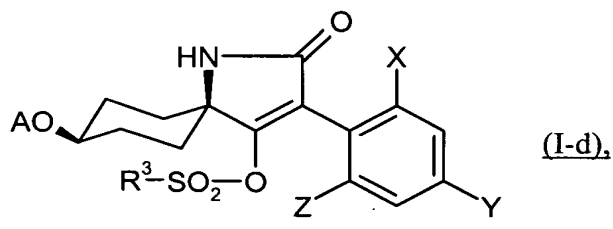
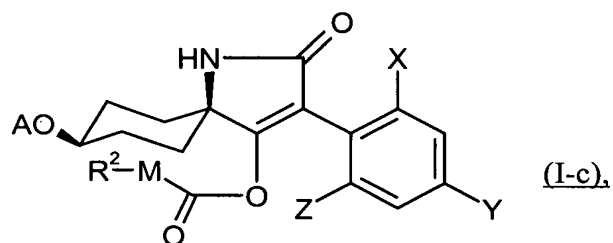




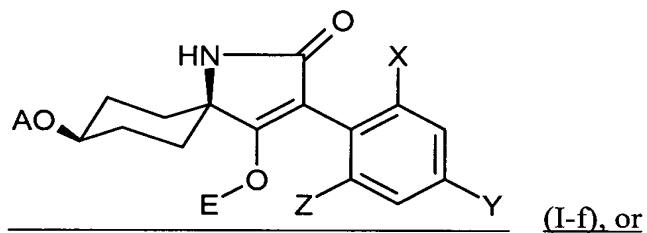
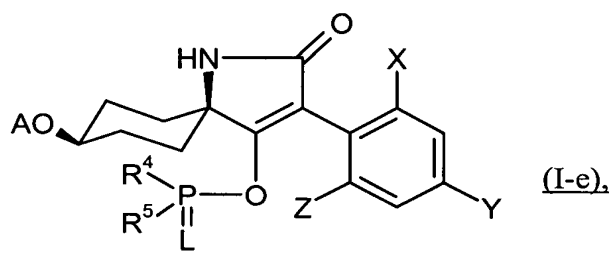
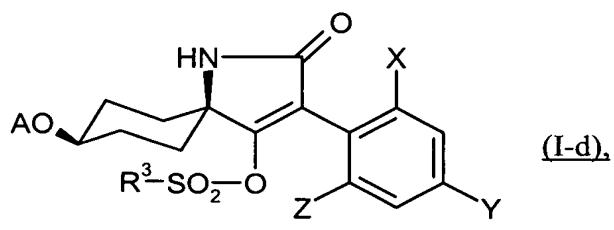
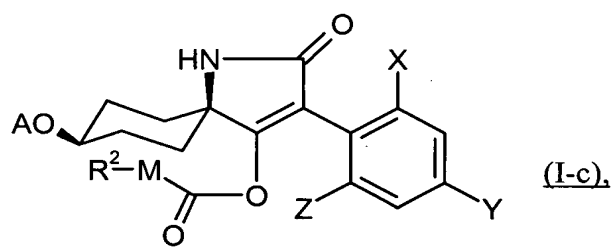
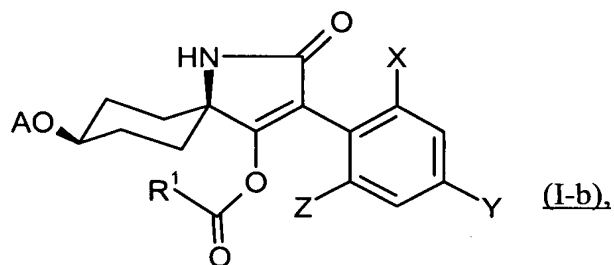
in which

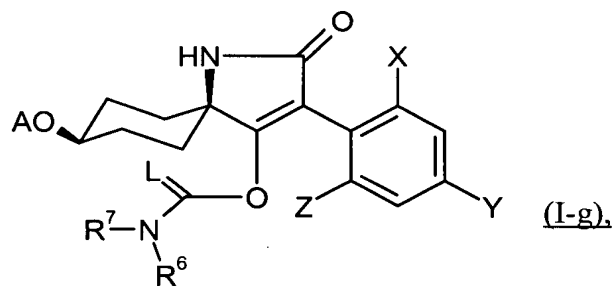
A, E, L, M X, Y, Z, R¹, R², R³, R⁴, R⁵, R⁶ and R⁷ are as defined above in Claim 1, are separated using a physical separation process processes, such as, for example, column chromatography or fractional crystallization, to obtain the respective cis-isomer of the formula (I-a)-(I-g):



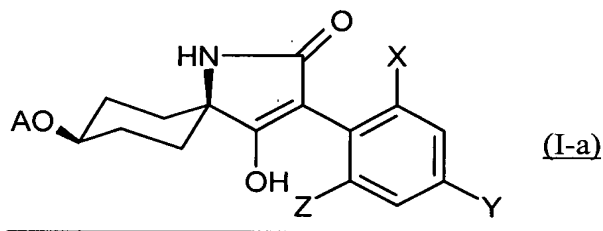


- (J) ~~compounds of the formula (I-a),~~ compounds hydrolyzing a compound of the formula formulae (I-b), (I-c), (I-d), (I-e), (I-f) or (I-g):





in which A, E, L, M, X, Y, Z, R¹, R², R³, R⁴, R⁵, R⁶ and R⁷ are as defined
above in Claim 1 ~~are hydrolysed using, for example, aqueous bases and then~~
~~acidified~~ acidifying to obtain a compound of formula (I-a)



wherein A, X, Y and Z are as defined in Claim 1.

6. (cancelled)

7. (currently amended) ~~Pesticides and/or herbicides, characterized in that they comprise A~~
pesticide or a herbicide preparation, comprising at least one compound of the formula
~~(I)~~ according to Claim 1.

8. (currently amended) A method ~~Method~~ for controlling animal pests ~~and/or~~ or unwanted
vegetation, ~~characterized in that compounds comprising~~ contacting a compound of the
~~formula (I) according to Claim 1 are allowed to act on~~ with pests ~~and/or~~ or their
habitat or unwanted vegetation.

9. (cancelled)

10. (currently amended) ~~Process~~ A process for preparing ~~pesticides and/or herbicides,~~
~~characterized in that compounds~~ a pesticide or a herbicide preparation, comprising
mixing a compound of the formula (I) according to Claim 1 ~~are mixed~~ with one or
more extenders and/or or surfactants, or combinations thereof.

11. (currently amended) A composition ~~Composition~~, comprising an effective
amount of a combination of active compounds comprising

(a') at least one ~~substituted cyclic ketoenol compound of the formula (I) in~~
~~which A, G, X, Y and Z are as defined above~~ according to Claim 1

and

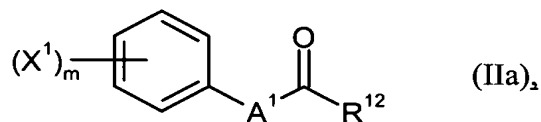
(b') at least one crop plant compatibility-improving compound selected from
the following group consisting of compounds:

4-dichloroacetyl-1-oxa-4-azaspiro[4.5]decane (AD-67, MON-4660), 1-dichloro-
acetylhexahydro-3,3,8a-trimethylpyrrolo[1,2-a]pyrimidin-6(2H)-one (dicyclonon,
BAS-145138), 4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine
(benoxacor), 1-methylhexyl 5-chloroquinoline-8-oxyacetate (cloquintocet-mexyl
[[-]] ~~cf. also related compounds in EP-A-86750, EP-A-94349, EP-A-191736, EP-~~
~~A-492366~~), 3-(2-chlorobenzyl)-1-(1-methyl-1-phenylethyl)urea (cumyluron), α -
(cyanomethoximino)phenylacetone nitrile (cyometrinil), 2,4-dichlorophenoxyacetic
acid (2,4-D), 4-(2,4-dichlorophenoxy)butyric acid (2,4-DB), 1-(1-methyl-1-
phenylethyl)-3-(4-methylphenyl)urea (daimuron, dymron), 3,6-dichloro-

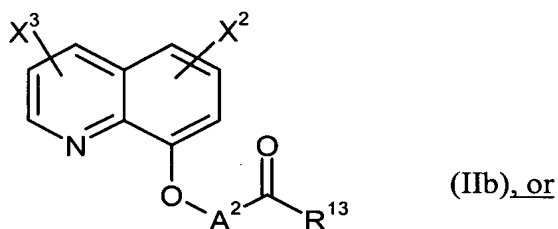
2-methoxybenzoic acid (dicamba), S-1-methyl 1-phenylethyl piperidine-1-thiocarboxylate (dimepiperate), 2,2-dichloro-N-(2-oxo-2-(2-propenyl-amino)ethyl)-N-(2-propenyl)acetamide (DKA-24), 2,2-dichloro-N,N-di-2-propenylacetamide (dichlormid), 4,6-dichloro-2-phenylpyrimidine (fencloirim), ethyl 1-(2,4-dichlorophenyl)-5-trichloromethyl-1H-1,2,4-triazole-3-carboxylate (fenchlorazole-ethyl [[-]] ~~ef. also related compounds in EP A 174562 and EP A 346620~~), phenylmethyl 2-chloro-4-trifluoromethylthiazole-5-carboxylate (flurazole), 4-chloro-N-(1,3-dioxolan-2-ylmethoxy)- α -trifluoroacetophenone oxime (fluxofenim), 3-dichloroacetyl-5-(2-furanyl)-2,2-dimethyloxazolidine (furilazole, MON-13900), ethyl 4,5-dihydro-5,5-diphenyl-3-isoxazolecarboxylate (isoxadifen-ethyl [[-]] ~~ef. also related compounds in WO A 95/07897~~), 1-(ethoxycarbonyl)ethyl 3,6-dichloro-2-methoxybenzoate (lactidichlor), (4-chloro-o-tolyloxy)acetic acid (MCPA), 2-(4-chloro-o-tolyloxy)propionic acid (mecoprop), diethyl 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-1H-pyrazole-3,5-dicarboxylate (mefenpyr-diethyl [[-]] ~~ef. also related compounds in WO A 91/07874~~), 2-dichloromethyl-2-methyl-1,3-dioxolane (MG-191), 2-propenyl 1-oxa-4-azaspiro[4.5]decane-4-carbodithioate (MG-838), 1,8-naphthalic anhydride, α -(1,3-dioxolan-2-ylmethoximino)phenylacetonitrile (oxabetrinil), 2,2-dichloro-N-(1,3-dioxolan-2-ylmethyl)-N-(2-propenyl)acetamide (PPG-1292), 3-dichloroacetyl-2,2-dimethyloxazolidine (R-28725), 3-dichloroacetyl-2,2,5-trimethyloxazolidine (R-29148), 4-(4-chloro-o-tolyl)butyric acid, 4-(4-chlorophenoxy)butyric acid, diphenylmethoxyacetic acid, methyl diphenylmethoxyacetate, ethyl diphenylmethoxyacetate, methyl 1-(2-

chlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-methyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-isopropyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-(1,1-dimethylethyl)-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate (~~cf. also related compounds in EP A 269806 and EP A 333131~~), ethyl 5-(2,4-dichlorobenzyl)-2-isoxazoline-3-carboxylate, ethyl 5-phenyl-2-isoxazoline-3-carboxylate, ethyl 5-(4-fluorophenyl)-5-phenyl-2-isoxazoline-3-carboxylate (~~cf. also related compounds in WO A 91/08202~~), 1,3-dimethylbut-1-yl 5-chloroquinoline-8-oxyacetate, 4-allyloxybutyl 5-chloroquinoline-8-oxyacetate, 1-allyloxyprop-2-yl 5-chloroquinoline-8-oxyacetate, methyl 5-chloroquinoxaline-8-oxyacetate, ethyl 5-chloroquinoline-8-oxyacetate, allyl 5-chloroquinoxaline-8-oxyacetate, 2-oxoprop-1-yl 5-chloroquinoline-8-oxyacetate, diethyl 5-chloroquinoline-8-oxymalonate, diallyl 5-chloroquinoxaline-8-oxymalonate, diethyl 5-chloroquinoline-8-oxymalonate (~~cf. also related compounds in EP A 582198~~), 4-carboxychroman-4-ylacetic acid (AC-304415, ~~cf. EP A 613618~~), 4-chlorophenoxyacetic acid, 3,3'-dimethyl-4-methoxybenzophenone, 1-bromo-4-chloromethylsulphonylbenzene, 1-[4-(N-2-methoxybenzoylsulphamoyl)phenyl]-3-methylurea (also known as N-(2-methoxybenzoyl)-4-[(methylaminocarbonyl)amino]benzenesulphonamide), 1-[4-(N-2-methoxybenzoylsulphamoyl)phenyl]-3,3-dimethylurea, 1-[4-(N-4,5-dimethylbenzoylsulphamoyl)phenyl]-3-methylurea, 1-[4-(N-naphthylsulphamoyl)phenyl]-3,3-dimethylurea, and N-(2-methoxy-5-methylbenzoyl)-4-(cyclopropylaminocarbonyl)benzenesulphonamide,

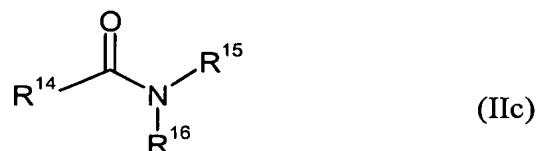
and/or one of the following compounds, defined by general formulae, a
compound of the general formula (IIa)



[[or]] a compound of the general formula (IIb)



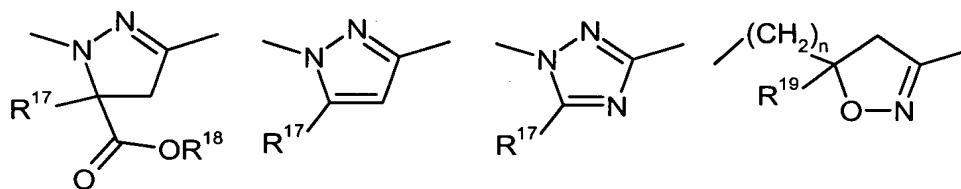
[[or]] a compound of the formula (IIc)



where

m represents a number 0, 1, 2, 3, 4 or 5,

A¹ represents one of the following divalent heterocyclic groups ~~groupings shown~~
below,



- n represents a number 0, 1, 2, 3, 4 or 5,
- A² represents ~~optionally C₁-C₄-alkyl and/or C₁-C₄-alkoxycarbonyl-substituted~~ alkanediyl having 1 or 2 carbon atoms optionally substituted with one or more substituents selected from the group consisting of C₁-C₄-alkyl and C₁-C₄-alkoxycarbonyl,
- R¹² represents ~~hydroxyl~~ hydroxy, mercapto, amino, C₁-C₇-alkoxy, C₁-C₆-alkenyloxy, C₁-C₆-alkenyloxy-C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylamino or di-(C₁-C₄-alkyl)amino,
- R¹³ represents ~~hydroxyl~~ hydroxy, mercapto, amino, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylamino or di-(C₁-C₄-alkyl)amino,
- R¹⁴ represents in each case ~~optionally fluorine, chlorine and/or bromine-substituted~~ C₁-C₄-alkyl optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine,
- R¹⁵ represents hydrogen, ~~in each case optionally fluorine, chlorine and/or bromine-substituted~~ C₁-C₆-alkyl, C₂-C₆-alkenyl or C₂-C₆-alkynyl in each case optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine, C₁-C₄-alkoxy-C₁-C₄-alkyl, dioxolanyl-C₁-C₄-

alkyl, furyl, furyl-C₁-C₄-alkyl, thienyl, thiazolyl, piperidiny, [[or]] phenyl optionally substituted with one or more substituents selected from the group consisting of fluorine[[-]], chlorine[[-]] and/or and bromine[[-]], or C₁-C₄-alkyl-substituted phenyl,

R¹⁶ represents hydrogen, ~~in each case optionally fluorine, chlorine and/or bromine-substituted~~ C₁-C₆-alkyl, C₂-C₆-alkenyl or C₂-C₆-alkynyl in each case optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine, C₁-C₄-alkoxy-C₁-C₄-alkyl, dioxolanyl-C₁-C₄-alkyl, furyl, furyl-C₁-C₄-alkyl, thienyl, thiazolyl, piperidiny, [[or]] phenyl optionally substituted with one or more substituents selected from the group consisting of fluorine[[-]], chlorine[[-]] and/or and bromine[[-]], or C₁-C₄-alkyl-substituted phenyl, or R¹⁵ and R¹⁶ together also represent C₃-C₆-alkanediyl or C₂-C₅-oxaalkanediyl, each of which is optionally substituted by C₁-C₄-alkyl, phenyl, furyl, a fused benzene ring or by two substituents which, together with the C atom to which they are attached, form a 5- or 6-membered carbocycle,

R¹⁷ represents hydrogen, cyano, or halogen, or ~~represents in each case optionally fluorine, chlorine and/or bromine-substituted~~ C₁-C₄-alkyl, C₃-C₆-cycloalkyl or phenyl in each case optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine,

R¹⁸ represents hydrogen or optionally [[hydroxyl-]] hydroxy-, cyano-, halogen- or C₁-C₄-alkoxy-substituted C₁-C₆-alkyl, C₃-C₆-cycloalkyl or tri(C₁-C₄-alkyl)silyl,

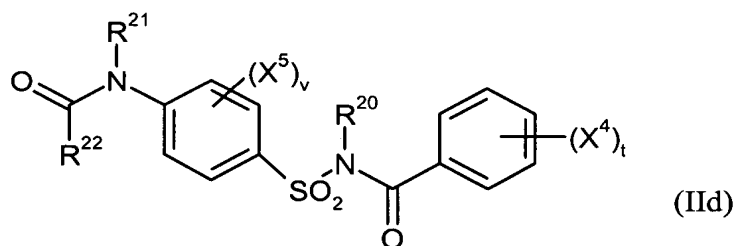
R¹⁹ represents hydrogen, cyano, or halogen, or ~~represents in each case optionally~~
~~fluorine, chlorine and/or bromine substituted~~ C₁-C₄-alkyl, C₃-C₆-cycloalkyl or
phenyl in each case optionally substituted with one or more substituents selected
from the group consisting of fluorine, chlorine and bromine,

X¹ represents nitro, cyano, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-alkoxy or
C₁-C₄-haloalkoxy,

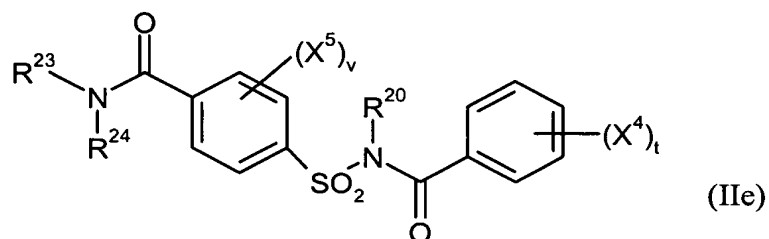
X² represents hydrogen, cyano, nitro, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-
alkoxy or C₁-C₄-haloalkoxy,

X³ represents hydrogen, cyano, nitro, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-
alkoxy or C₁-C₄-haloalkoxy,

~~and/or the following compounds, defined by general formulae, or selected from the~~
group consisting of a compound of the general formula (IIId)



[[or]] and a compound of the general formula (IIe)



where

t represents a number 0, 1, 2, 3, 4 or 5,

v represents a number 0, 1, 2, 3, 4 or 5,

R²⁰ represents hydrogen or C₁-C₄-alkyl,

R²¹ represents hydrogen or C₁-C₄-alkyl,

R²² represents hydrogen, in each case optionally cyano-, halogen- or C₁-C₄-alkoxy-substituted C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylamino or di-(C₁-C₄-alkyl)amino, or in each case optionally cyano-, halogen- or C₁-C₄-alkyl-substituted C₃-C₆-cycloalkyl, C₃-C₆-cycloalkyloxy, C₃-C₆-cycloalkylthio or C₃-C₆-cycloalkylamino,

R²³ represents hydrogen, optionally cyano-, [[hydroxyl-]] hydroxy-, halogen- or C₁-C₄-alkoxy-substituted C₁-C₆-alkyl, in each case optionally cyano- or halogen-substituted C₃-C₆-alkenyl or C₃-C₆-alkynyl, or optionally cyano-, halogen- or C₁-C₄-alkyl-substituted C₃-C₆-cycloalkyl,

R²⁴ represents hydrogen, optionally cyano-, [[hydroxyl-]] hydroxy-, halogen- or C₁-C₄-alkoxy-substituted C₁-C₆-alkyl, in each case optionally cyano- or halogen-

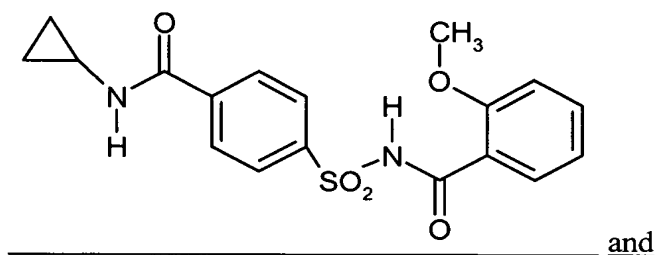
substituted C₃-C₆-alkenyl or C₃-C₆-alkynyl, optionally cyano-, halogen- or C₁-C₄-alkyl-substituted C₃-C₆-cycloalkyl, or optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy- or C₁-C₄-haloalkoxy-substituted phenyl, or R²² together with R²³ ~~represents~~ represent in each case optionally C₁-C₄-alkyl-substituted C₂-C₆-alkanediyl or C₂-C₅-oxaalkanediyl,

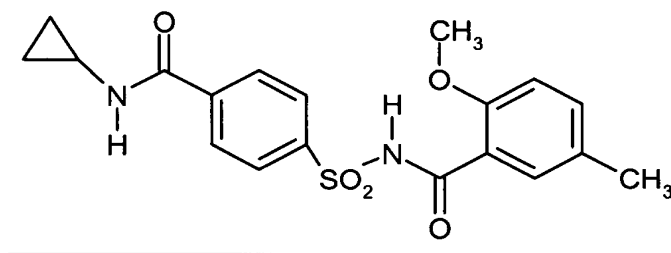
X⁴ represents nitro, cyano, carboxyl, carbamoyl, formyl, sulphamoyl, ~~hydroxyl~~ hydroxy, amino, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-alkoxy or C₁-C₄-haloalkoxy, and

X⁵ represents nitro, cyano, carboxyl, carbamoyl, formyl, sulphamoyl, ~~hydroxyl~~ hydroxy, amino, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-alkoxy or C₁-C₄-haloalkoxy.

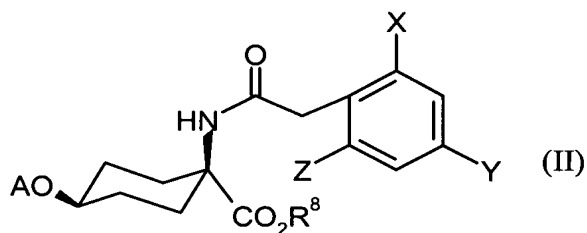
12. (currently amended) ~~Composition~~ The composition according to Claim 11, where the crop plant compatibility-improving compound is selected from the ~~following~~ group consisting of compounds:

cloquintocet-mexyl, fenclorazole-ethyl, isoxadifen-ethyl, mefenpyr-diethyl, furilazole, fenclorim, cumyluron, dymron, ~~or the compounds He-5 or He-11~~





13. (currently amended) ~~Composition~~ The composition according to Claim ~~11~~ or 12, where the crop plant compatibility-improving compound is cloquintocet-mexyl or mefenpyr-diethyl.
14. (currently amended) ~~Method~~ A method for controlling unwanted vegetation, ~~characterized in that~~ comprising contacting a composition according to Claim 11 is ~~allowed to act on the plants or their habitat~~ with unwanted vegetation.
15. (cancelled)
16. (currently amended) ~~Compounds~~ A compound of the formula (II)



in which

A represents alkyl,

X represents C₂-C₄-alkyl,

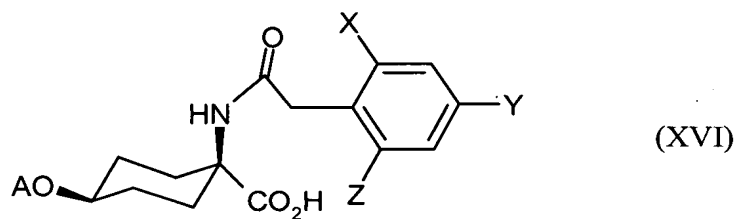
Y represents halogen,

Z represents C₁-C₄-alkyl, and

R⁸ represents alkyl.

~~A, X, Y, Z and R⁸ are as defined above.~~

17. (currently amended) ~~Compounds~~ A compound of the formula (XVI)



in which

A represents alkyl,

X represents C₂-C₄-alkyl,

Y represents halogen, and

Z represents C₁-C₄-alkyl.

~~A, X, Y and Z are as defined above.~~